

FIG. 1A

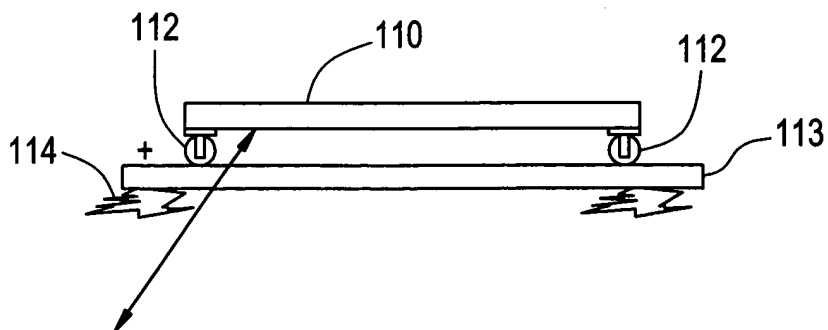


FIG. 1B

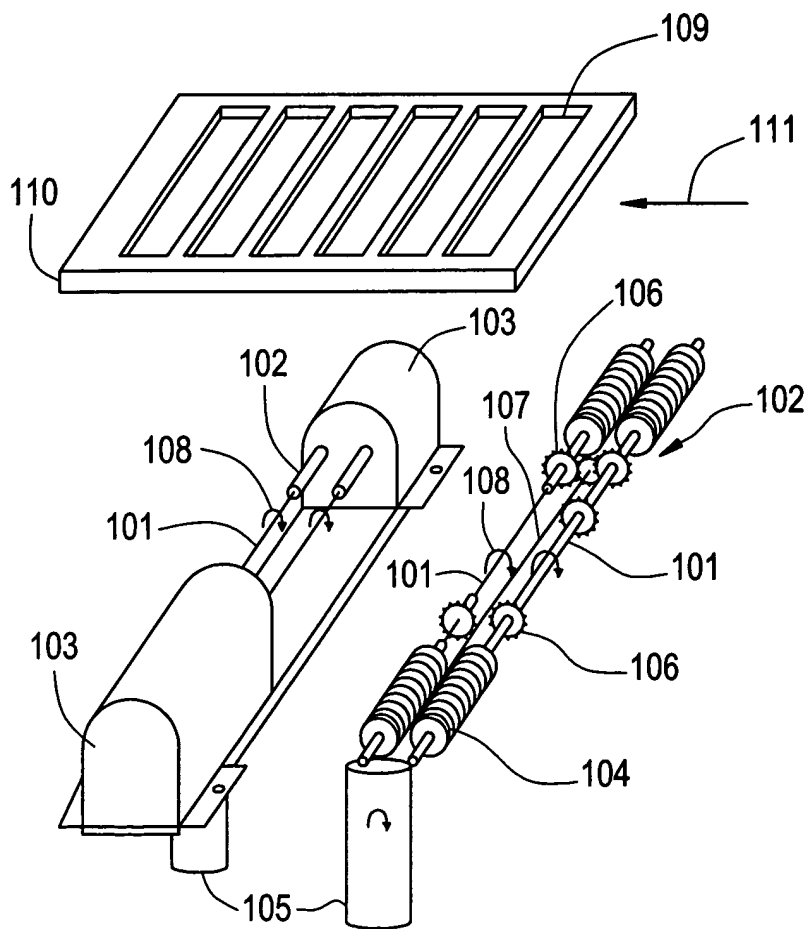


FIG. 2

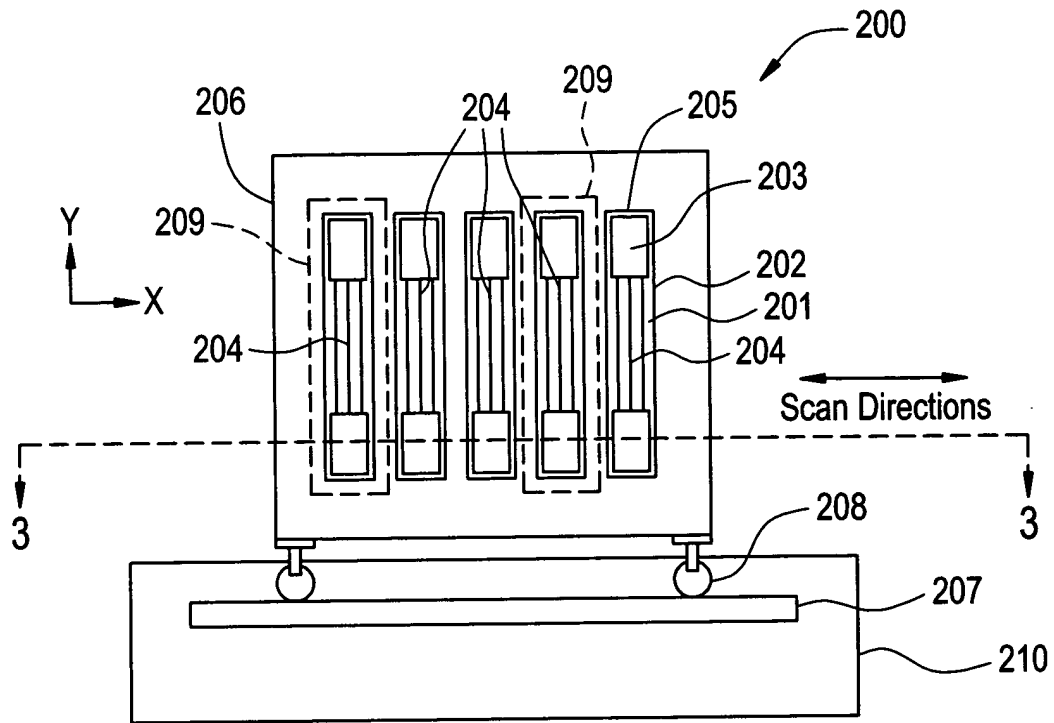


FIG. 3

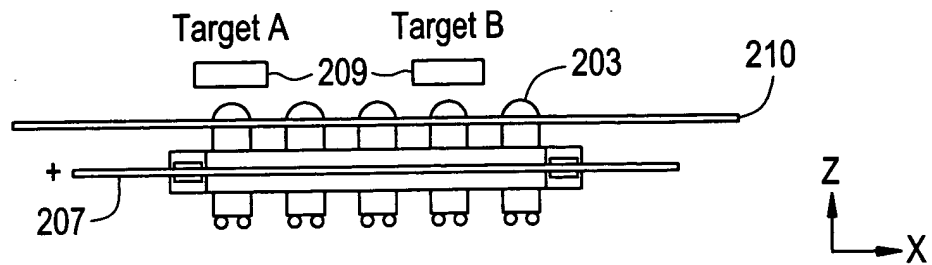


FIG. 4

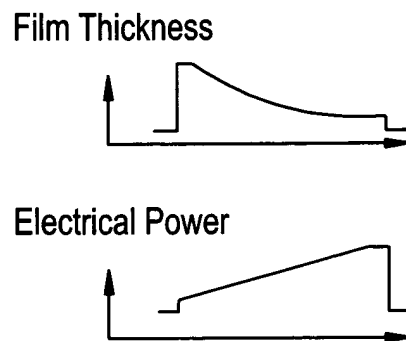


FIG. 5

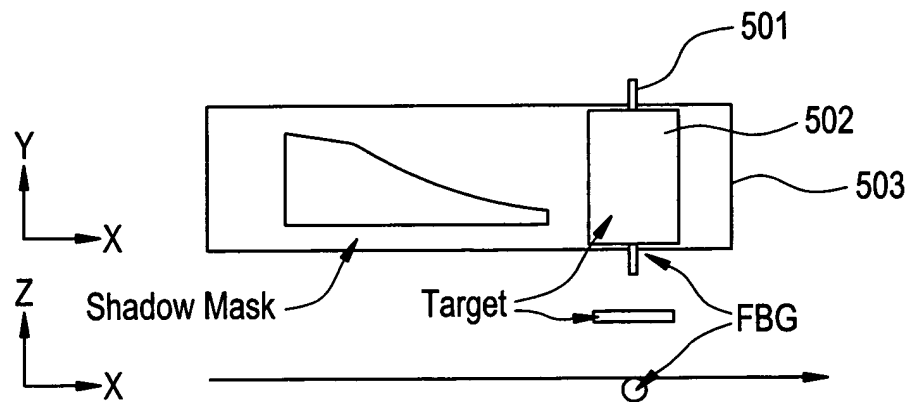


FIG. 6

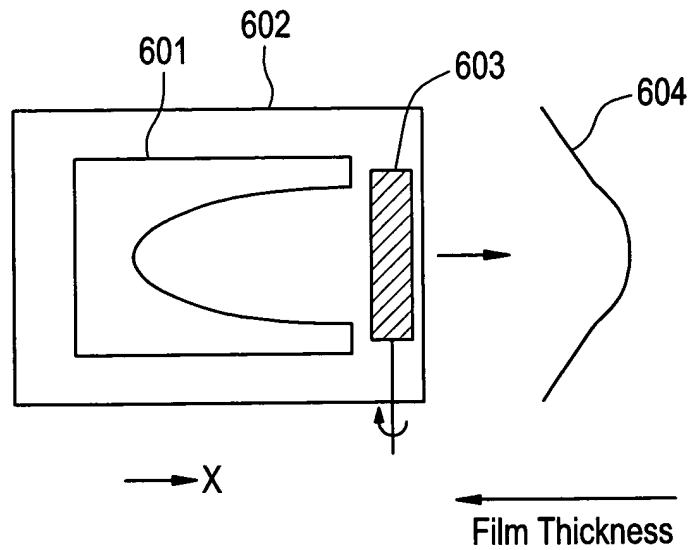


FIG. 7

	Bulk Resistivity* ($\mu\Omega \cdot \text{cm}$)	Thin Film $\Delta R/R/(^{\circ}\text{C})$		Bulk $\Delta R/R/(^{\circ}\text{C})$	$\text{TCR}_{\text{TF}} / \text{TCR}_{\text{bulk}}$
		Low	High		
Pt	10.6	0.0016	0.0028	0.00339	0.82
Cr	12.7	0.0001	0.0006	0.00588	0.10
Ni	7	0.0030	0.0050	0.00684	0.78
Ta	13	<0.0001	<0.0001	0.0031	0.03

FIG. 8

Pt Thin Film on Optical Fiber

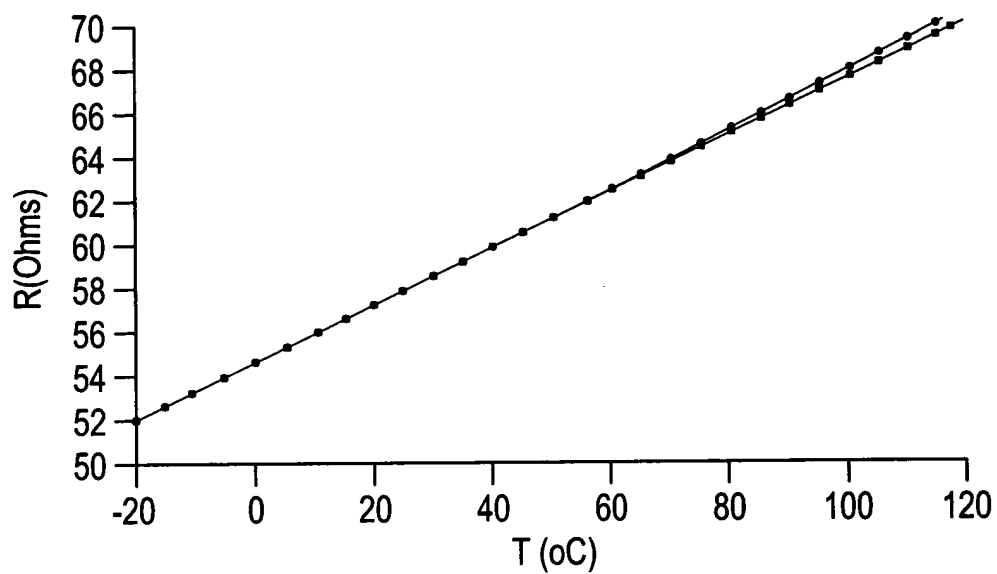
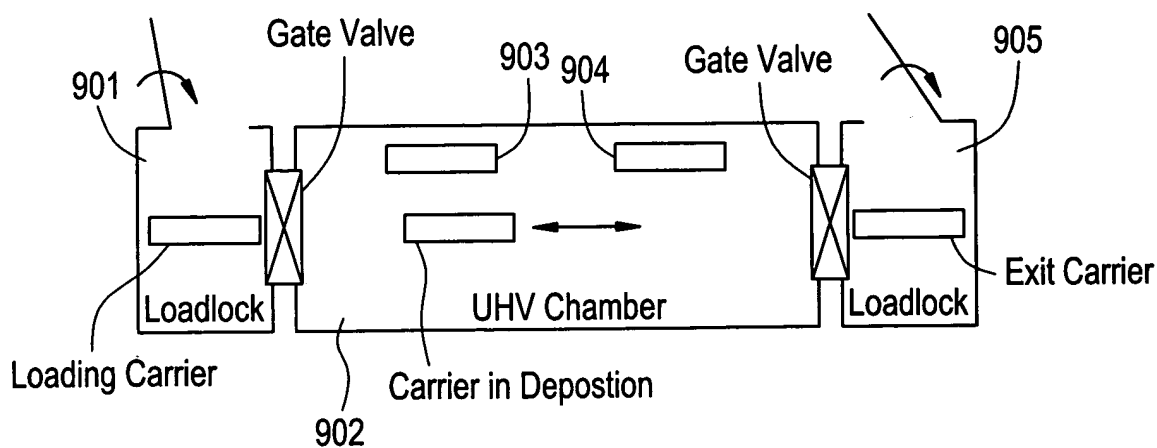
**FIG. 9**

FIG. 10

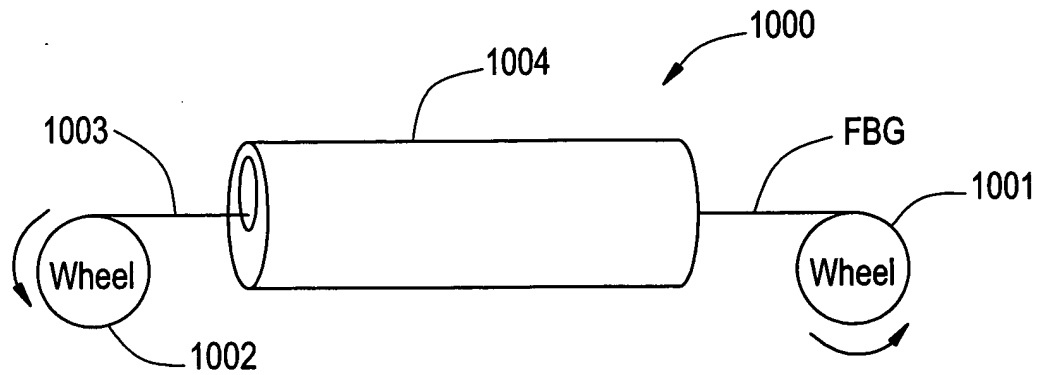


FIG. 11A

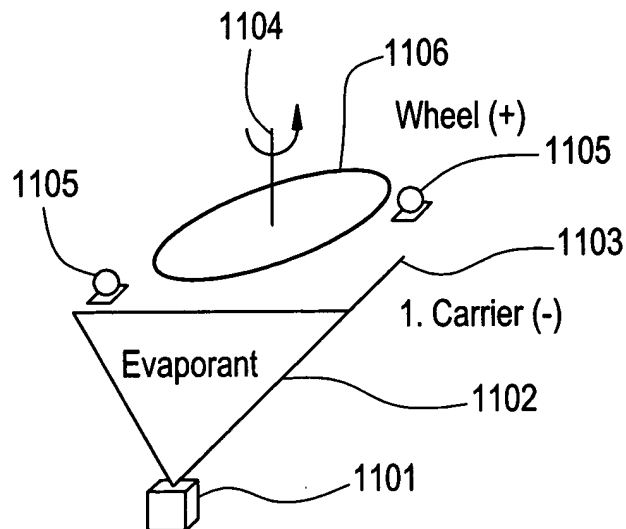


FIG. 11B

